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Cat. No. 43-964A

OWNER'S MANUAL

Please read before using this equipment.

CALLER ID SYSTEM 310

RadioShack™

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FEATURES

Your RadioShack Caller ID System 310 is the latest in telephone caller identification technology. If Caller ID service is available in your area and you subscribe to it, the telephone company sends the caller's telephone number (and name, if available in your area) and the time of the call between the first and second rings. The module displays this information during an incoming call to help you identify the caller before answering so you can avoid unwanted calls. The module stores and displays up to 99 single Caller ID records (number only) or 50 multiple Caller ID records (name and number).

Your module includes these features:

Large Liquid Crystal Display — shows three full lines of caller information to make it easy to see who is calling.

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Time and Date Display — displays the current time and date as provided to Caller ID service subscribers by your local telephone company.

Message Received Indicator — flashes when you have received at least one new call you have not reviewed.

Long Distance Call Indicator — tells you when it is a long distance call.

Contrast Control — lets you adjust the display contrast for the best readability.

Built-In Error Checking — ensures accurate information.

Review Scrolling — lets you scroll through the stored list of incoming calls.

Delete Button — lets you delete individual or all Caller ID records.

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Easy Installation — the module easily connects to your telephone line so you can quickly begin using it. You can also use the supplied bracket to mount the module on the wall.

This module has been tested and found to comply with all applicable UL and FCC standards.

Important Information:

- To use this module, you must be in an area where Caller ID service is available, and you must subscribe to the service.
- Your module displays the caller's name only if this feature is available in your area.
- Your module requires four AAA batteries (not included).

We recommend you record the module's serial number here. The number is on the module's side.

Serial Number: _____

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FCC INFORMATION

Your module has been designed to conform to federal regulations, and you can connect it to most telephone lines. However, each module (and each device, such as a telephone or answering machine) that you connect to the telephone line draws power from the line. We refer to this power draw as the module's ringer equivalence number or REN. The REN is shown on the bottom of the module.

If you use more than one telephone or other device on the line, add up all the RENs. If the total is more than five, your telephones might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove a device from the line.

Your module complies with Part 68 of *FCC Rules*. You must, upon request, provide the Federal Communications Commission (FCC) registration number and the REN to your telephone company. Both numbers are shown on the bottom of your module.

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Note: You must not connect your module to:

- Coin-operated systems
- Party-line systems
- Most electronic key telephone systems

In the unlikely event that your module causes problems on the telephone line, the telephone company normally attempts to notify you in advance. If advance notice is not practical, the telephone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

The telephone company can also make changes to its lines, equipment, operations, or procedures that could affect the operation of this module. The telephone company normally notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your phone service.

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This module complies with the limits for a Class B device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area. However, your module might cause TV or radio interference even when it is operating properly.

To eliminate interference, you can try one or more of the following:

- Reorient or relocate the radio or TV receiving antenna
- Increase the distance between the module and the radio or TV
- Use outlets on different electrical circuits for the module and the radio or TV

Consult your local RadioShack store if the problem continues.

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If your module is not performing as it should, check the connection to the telephone line. Calls are automatically switched and routed through complex equipment, so you might occasionally hear noise on the line. When a call is too noisy, hang up and redial the number. If you still have problems, immediately disconnect the module. If a telephone on the same line works properly, the fault is in the module or its installation. If you are unable to locate the problem, take your module to your local RadioShack store for assistance.

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PREPARATION

INSTALLING BATTERIES

The module requires four AAA batteries for power. For the longest operation, we recommend you use alkaline batteries (such as RadioShack Cat. No. 23-555).

Follow these steps to install the batteries.

1. If the phone line is already connected, unplug it from the module.
2. Use a flathead screwdriver to remove the screw from the battery compartment door, then slide off the cover.

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3. Before the display dims, place fresh batteries in the compartment as indicated by the polarity symbols (+ and –) marked inside the compartment.

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Caution: Do not force the batteries into the compartment.

4. Replace the battery compartment cover and secure it with the screw.

The module automatically tests the batteries each time it receives a new call. When [+] appears on the display or the display dims, replace the batteries.

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Caution: Always remove old or weak batteries. They can leak chemicals that can damage electronic circuits.

Note: When you remove the batteries, even for a short time, the module's time is lost. However, the caller ID information remains in the module's memory.

RESETTING THE DISPLAY

Before you use the module the first time or if the display locks up, use a pointed object such as a straightened paper clip to press **RESET** on the module's upper end. **12:00 AM** appears on the display

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PLACING THE MODULE ON A DESK, SHELF, OR TABLE

You can place the module directly on a desk, shelf, or table.

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MOUNTING ON A WALL

To mount the module directly on a wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the back of the supplied mounting bracket.

1. Snap the mounting bracket onto the module.

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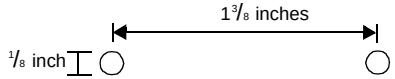
2. Drill two 1/8-inch diameter holes, 1 3/8 inches apart, into the wall.



3. Thread a mounting screw into each hole, letting the head extend 1/8 inch from the wall.

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4. Align the keyhole slots on the back of the mounting bracket with the mounting screws and slide the module downward to secure it.

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CONNECTING TO THE PHONE LINE

The module connects to a modular phone line jack and your telephone. If your telephone wiring does not have a modular phone line jack, you can update the wiring yourself using the necessary jacks and adapters, available at your local RadioShack store.

Or, you can have the telephone company update your telephone wiring for you.

Notes:

- The telephone company charges to install the necessary jacks.
- The USOC number of the jack to be installed is RJ11C for a baseboard jack, or RJ11W for a wall jack.

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1. Unplug the telephone line cord from your telephone and plug it into the module's **TEL. LINE** jack.
2. Plug one end of the supplied line cord into the module's **PHONE** jack.
3. Plug the other end of the line cord into the telephone.

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ADJUSTING THE DISPLAY CONTRAST

1. If the display is showing any call information, continuously press either **REVIEW** s or **REVIEW** t until **XX CALLS** appears on the display.

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2. Press and hold either **REVIEW** s or **REVIEW** t until **CONTRAST: XX** appears on the display.

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3. Quickly press and release **REVIEW** s or **REVIEW** t to increase or decrease the display's contrast.

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Notes:

- The display goes blank when you set the contrast to **00** and gets completely dark when you set it to **15**.
- If you increase the contrast higher than **CONTRAST: 15**, the display returns to **CONTRAST: 00**. If you decrease the contrast lower than **CONTRAST: 00**, the display returns to **CONTRAST: 15**.

4. When you finish adjusting the display contrast, press **DELETE**.

OPERATION

RECEIVING AND STORING CALLS

When you receive a call, the module automatically displays and all caller ID information sent by the phone company, including the caller's telephone number and the call's time and date. In some areas, the caller's name is also sent. As it receives calls, the module stores the information in its memory for later recall. The module can store up to 99 incoming number-only calls or 50 incoming name and number calls.

Notes:

- If the phone number is more than 12 digits, the display will show the rest of the number automatically after about 2 seconds.
- After the module's memory is full, new call information replaces the oldest stored records.

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REVIEWING CALLS

While receiving a call, the module displays the caller's information and flashes. If you choose not to answer the call, after the caller hangs up, the display shows the caller's information for an additional 30 seconds. Then the display returns to the time display, and and the message indicator flash until you review your calls.

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Note: If you do not press any button within 30 seconds, the system returns to the time display.

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The display shows the total number of calls saved and the number of new calls received since your last review.

Repeatedly press **REVIEW** t to see information about the most recent calls or **REVIEW** s to see information about previous calls. The module shows the call information.

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Notes:

- If there are no calls stored in the module, **NO CALL** appears on the display when you press **REVIEW**.
- **- END OF LIST -** appears on the display when you reach the last stored call while pressing **REVIEW**.

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In addition, the module might also display:

Indicator	Information
x	Appears the first time you review call information from someone who has called more than one time from the same number and shows how many times the caller tried to call you.
CALL-Fd	Appears instead of the phone number if the call was forwarded to you by a telephone set to forward all calls using the telephone company's call forwarding service. The phone number of the original caller appears alternately on the display.

Indicator	Information
CALL Fd BUSY	Appears instead of the phone number if the call was forwarded to you by a telephone set to forward busy calls and the number the caller dialed was busy. The phone number of the original caller appears alternately on the display.
	Appears the first time you review a call's information
#XX	Indicates the call number. **#01** is always the most recent call.
UNKNOWN NUMBER	Appears if the caller is not within a Caller ID service area. No caller information appears.

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Indicator	Information
UNKNOWN NAME	Appears if the caller is within a Caller ID service area that supplies the phone number, but not the name.
PRIVATE NUMBER	Appears if the caller chose not to send the phone number. The system first displays the caller's name, then displays **PRIVATE NUMBER**.
LDC	Appears if the call is long-distance.

Indicator	Information
PRIVATE NAME	Appears if the caller chose not to send the name. • If only the name is blocked, the system displays the caller's number. • If both the name and number are blocked, the system alternately displays **PRIVATE NAME** and **PRIVATE NUMBER**.
?	Appears within the Caller ID information if one or more letters were not properly received. It is normal for this to occasionally happen. If this happens often, contact your local phone service provider and ask them to correct the problem.

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Indicator	Information
–LINE ERROR–	Appears if the Caller ID information was garbled. It is normal for this to occasionally happen. If this happens often, contact your local phone service provider and ask them to correct the problem.
– MESSAGE –	If you subscribe to the phone company's voice mail service and you have new voice mail, **MESSAGE** appears and the red indicator flashes. Press **DELETE** twice after you retrieve the message from the phone company. **MESSAGE** disappears from the display and the red indicator turns off.

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DELETING CALL INFORMATION

When the module's memory is full, it automatically deletes the oldest call information when a new call arrives.

To manually delete a call from memory, repeatedly press **REVIEW** s or t until the call you want to delete appears on the display. Then quickly press **DELETE** twice. The call is deleted, and the display shows information for the next call.

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To delete all call information for all calls, press either **REVIEW** s or **REVIEW** t until **XX CALLS** appears on the display, then press and hold **DELETE** for about 5 seconds.

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CARE AND MAINTENANCE

Your RadioShack Caller ID System 310 is an example of superior design and craftsmanship. The following suggestions will help you care for the system so you can enjoy it for years.

- Keep the system dry. If it gets wet, wipe it dry immediately.
- Handle the system gently and carefully. Dropping it can damage its circuit boards and case and can cause it to work improperly.
- Use and store the system only in normal temperature environments.
- Keep the system away from dust and dirt, which can cause premature wear of parts.
- Use only fresh batteries of the recommended size and type. Always remove an old or weak batteries.
- Occasionally wipe the system with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the system.

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Modifying or tampering with your system's internal components can cause a malfunction and might invalidate the system's warranty. If your system is not operating as it should, take it to your local RadioShack store for assistance. If the trouble is harming the telephone lines, the telephone company might ask you to disconnect your system until you have resolved the problem.

LIGHTNING

Your module has built-in protection circuits to reduce the risk of damage from surges in telephone line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone lines can damage your module.

Lightning damage is not common. However, if you live in an area that has severe electrical storms, we suggest you unplug your module during storms to reduce the possibility of damage.

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RadioShack Limited Warranty

This telephone product is warranted against manufacturing defects in material and workmanship for one (1) year from the date of purchase from RadioShack company owned stores and authorized RadioShack franchisees and dealers. Within this period **bring your RadioShack sales slip** as proof-of-purchase date to any RadioShack store.

This warranty does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning or other incidence of excess voltage, or any repairs other than those provided by a RadioShack Authorized Service Facility, or transportation costs. **RadioShack is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product or other damages with respect to loss of property, loss of revenue or profit, or costs of removal, installation or reinstallation.**

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This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell *10/95*

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